

JOSEPH GABRIEL G. VILLANUEVA

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PROFILE

An aspiring software developer with 6 months of React.js experience and Supply Chain and Logistics knowledge. In the process of discovering my strengths and weaknesses in software development through trainings and mentorships in web-app development. Coming from a product design background, I have developed a "can-do" attitude and "out-of-the-box" thinking towards solving problems.

EXPERIENCE

2022 June - Present	Junior Cloud Engineer SENTI.AI <ul style="list-style-type: none">Utilizing Fastify-backend, Lit-frontend, and Terraform cloud infrastructure tech stackAssisting in support engineering tasks for current bug fixes with SM-BIR 2307 reimbursement project
2021 November - 2022 June	Frontend React.js Web Developer ANTERIORE SOLUTIONS <ul style="list-style-type: none">Developed a blockchain web-app project, Playible.io <https://playible.io/> , a platform focused on bridging the gap between decentralized finance, NFT technology, and traditional gaming markets, using React.js and TailwindAssisted in Quality Assurance testing of the project by creating fail-safe measures on possible unforeseen use-casesHelped in transitioning the project to a new blockchain by using the NEAR Protocol and GraphQL
2019 December - 2021 November	Co-founder/Product Design Engineer METATECH LAB <ul style="list-style-type: none">Innovated and created ideas from existing technologies to create an impact in society through proper assessment, planning, and executionCreated custom enclosures on a use-case basis based on different applications of the clientAssured the implementation of the devices by being the front liner of the company to visit the sites needed for inspection and deployment
2018 May - 2019 September	Internet of Things Intern PROUDCLOUD INC. <ul style="list-style-type: none">Created the security system of the companyHelped facilitate device presentations at technology showcase summits

EDUCATION

DE LA SALLE UNIVERSITY - MANILA x ZARAGOZA LOGISTICS CENTER OF SPAIN (May - July 2021)

Diploma Course in Supply Chain and Logistics

DE LA SALLE UNIVERSITY - MANILA (2014 - 2019)

Bachelor of Science in Manufacturing Engineering and Management with Specialization in Mechatronics and Robotics Engineering

PROJECTS

Proudcloud - Creation of an RFID time attendance system
2019

- Utilized the attendance system that was previously installed in the old location of Proudcloud to interface and be implemented in the new location.
- Troubleshooted the wiring and interfacing of the system in the existing network configuration while creating an organized plan for the admin to properly collect the time attendance

De La Salle University - A Semi - Automated 3D Filament Maker Using Polylactic Acid (PLA) or Polyethylene Terephthalate (PET) Scrap Plastics
2016-2019

- Spearheaded the layout, 3D modelling, operation, and testing through outsourcing and coordinating with fabrication services.
- Utilized Arduino IDE in programming the functions of the machine in controlling high power motors and PID tuning.